

ABSTRACT OF THE DISCLOSURE

A drive apparatus for a vehicle, the vehicle being comprised of an engine, a motor-generator capable of starting the engine as well as generating power, a battery connected to the motor
5 generator, and a clutch disposed between the motor-generator and a transmission. The drive apparatus is comprised of a damper connected to the rear of the engine, a starter motor connected to the engine, and a control system which effects idle-stop control when a set of conditions is met including oil
10 temperature being within a predetermined range. The motor-generator starts the engine instead of the starter motor only when the engine is being restarted at the end of idle-stop control. Engine rotation flows from the engine first through the damper and then through the motor-generator before
15 flowing to the clutch and then to the transmission.